

ABSTRACT OF THE INVENTION

5 A method of preventing damage to the seed and/or shoots and
foliage of a plant by a pest includes treating the seed from which the plant
grows with a composition that includes a combination of at least one
pyrethrin or synthetic pyrethroid and at least one other insecticide selected
from the group consisting of an oxadiazine derivative, a chloronicotinyl, a
10 nitroguanidine, a pyrrol, a pyrazone, a diacylhydrazine, a triazole, a
biological/fermentation product, a phenyl pyrazole, an organophosphate
and a carbamate. It is preferred that when the other insecticide is an
oxadiazine derivative, the pyrethroid is selected from the group consisting
of taufluvalinate, flumethrin, trans-cyfluthrin, kadethrin, bioresmethrin,
tetramethrin, phenothrin, empenthrin, cyphenothrin, prallethrin, imiprothrin,
15 allethrin and bioallethrin. The treatment is applied to the unsown seed. In
another embodiment, the seed is a transgenic seed having at least one
heterologous gene encoding for the expression of a protein having
pesticidal activity against a first pest and the composition has activity
against at least one second pest. Treated seeds are also provided.